

**METHOD AND SYSTEM FOR ON DEMAND SELECTIVE REROUTING OF  
LOGICAL CIRCUIT DATA IN A DATA NETWORK**

**Abstract**

5           A method and system are provided for on demand selective rerouting of logical  
circuit data in a data network. Upon a failed logical circuit being identified in the data  
network, one or more alternative or logical failover circuits for rerouting data from the  
identified failed logical circuit is displayed in a menu on a display device. A selection of  
a logical failover circuit is made using a graphical user interface (GUI). Once the  
10       selection of the logical failover circuit is received, the data from the failed logical circuit  
is rerouted to the selected logical failover circuit. Upon receiving the selection of the  
logical failover circuit from the menu, a determination may be made as to whether a  
utilization percentage indicate of congestion in the selected logical failover circuit  
exceeds a predetermined threshold. If the utilization is less than the threshold, then the  
15       method logical circuit data is rerouted from the failed logical circuit to the selected  
logical failover circuit. If the utilization rate exceeds the threshold, then an alert is  
generated and the selection of an alternative logical failover circuit from the menu is  
requested.